

K(1630) $I(J^P) = \frac{1}{2}(?)$

OMITTED FROM SUMMARY TABLE

Seen as a narrow peak, compatible with the experimental resolution,
 in the invariant mass of the $K_S^0\pi^+\pi^-$ system produced in $\pi^- p$
 interactions at high momentum transfers.

NODE=M160

K(1630) MASS				
<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
1629±7	~ 75	KARNAUKHOV98	BC	16.0 $\pi^- p \rightarrow$ $(K_S^0\pi^+\pi^-)$ $X^+\pi^- X^0$

NODE=M160M

K(1630) WIDTH				
<u>VALUE (MeV)</u>	<u>EVTS</u>	<u>DOCUMENT ID</u>	<u>TECN</u>	<u>COMMENT</u>
16⁺¹⁹₋₁₆	~ 75	¹ KARNAUKHOV98	BC	16.0 $\pi^- p \rightarrow$ $(K_S^0\pi^+\pi^-)$ $X^+\pi^- X^0$

¹ Compatible with an experimental resolution of 14 ± 1 MeV.

NODE=M160W

K(1630) DECAY MODES				
Mode				
Γ_1	$K_S^0\pi^+\pi^-$			

NODE=M160W;LINKAGE=A

NODE=M160215;NODE=M160

DESIG=1

NODE=M160

REFID=46371

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 Translated from YAF 61 252.